Mountain Weather Forecast

Peak District National Park

Forecast valid from 00:00 on Monday 12 Jun 2023 until 23:59 on Tuesday 13 Jun 2023

Forecast Issued on Sunday 11 Jun 2023 at 15:44

Confidence: High for continued mainly settled and very warm theme, but low for thunderstorm detail to start the working week.

Headline for Monday 12 Jun 2023: Fine with sunshine during the morning, eventually sparking risk of thundery downpours. Very warm and humid.

Mountain weather hazards on Monday 12 Jun 2023

Blizzards
No Likelihood

Gales
No Likelihood

Thunderstorms
High Likelihood

Heavy persistent snow
No Likelihood

Severe chill effect
No Likelihood

Heavy persistent rain
Medium Likelihood

Storm force winds
No Likelihood

Poor visibility
Low Likelihood

Strong sunlight
High Likelihood

Weather and chance of precipitation at 600m

Time							
00:00	03:00	06:00	09:00	12:00	15:00	18:00	21:00
Cloudy	Cloudy	Sunny	Sunny	Heavy rain showers	Thundery showers	Heavy rain showers	Heavy rain showers (night)
Precipitation probability							
30%	20%	20%	40%	60%	70%	60%	30%

Forecast for Monday 12 Jun 2023

Weather: Remaining thundery showers from Sunday should soon fade during the early hours, with the area becoming dry with some ragged cloud. Fine with sunshine for much of the morning - soon becoming very warm, with this exacerbated by the humidity. Thundery showers are likely to develop sooner than on previous days, with these again slow-moving and torrential locally. The threat of these showers should ease during the evening to leave drier conditions, perhaps with valley mist and fog locally.

Chance of cloud-free hill tops above 600m: 90%

Low cloud and visibility: Perhaps some local mist in valleys first thing and perhaps some ragged cloud below 500m, but soon clearing. Sharp and locally lasting visibility deteriorations are likely in thundery showers.

Check our weather forecast every day to get the most accurate and up to date information
https://www.metoffice.gov.uk/weather/specialist-forecasts/mountain
© Crown Copyright 2023. All Rights Reserved.

Met Office Mountain Weather Forecast

Forecast for Monday 12 Jun 2023

Height (m)	Wind Speed mean/gusts (mph)					Wind Direction (blowing from)			
	00:00	03:00	06:00	09:00	12:00	15:00	18:00	21:00	00:00
600	9/12 E	10/13 E	11/16 NE	12/17 NE	11/18 E	12/19 E	13/19 SE	9/14 E	13/19 E
300	4/7 NE	5/9 NE	6/9 NE	9/14 NE	9/16 E	11/18 E	9/17 SE	7/13 E	8/15 E
Valley	4/11 NE	5/12 E	7/16 NE	9/16 NE	9/18 E	9/17 E	7/16 SE	7/13 E	10/18 E

Height (m)	Temperature / Feels Like (°C)								
	00:00	03:00	06:00	09:00	12:00	15:00	18:00	21:00	00:00
600	17/16	16/14	16/15	18/16	21/19	22/19	20/18	17/16	15/13
300	18/18	17/17	18/17	21/20	23/22	24/23	22/21	19/19	17/16
Valley	18/18	17/17	18/17	22/21	25/24	26/25	22/22	20/19	18/17
Freezing Level*	3100m	2900m	2800m	2800m	3100m	3300m	3200m	3200m	3100m

**Level above which ground is expected to be frozen/snow is expected to settle.*

Meteorologist's View

Variable direction gusts of around 25mph are likely in association with (mainly afternoon) shower activity.

Recent rainfall: measured at Cat & Fiddle: altitude 511m

Recorded at	Last 24 hours:	Last 48 hours:	Last 72 hours:
14:00 on Sun 11 Jun 2023	0mm	0mm	0mm

Forecast for Tuesday 13 Jun 2023

Weather: Remaining showers soon fading in the early hours to leave the Park dry by dawn, perhaps with some local valley mist. A drier, brighter and markedly less humid-feeling day is then expected, with lengthy sunny periods. The UV index will again be high, and with a much-reduced threat of showers, this is likely to be the main hazard. Staying fine during the evening, but with the wind picking up appreciably.

Maximum wind: Increasing southeasterly 30mph.

Chance of cloud-free hill tops above 600m: 90%

Low cloud and visibility: Cloud probably clear of tops throughout. Visibility unimpeded throughout.

Temperature: **Valleys:** Plus 16 becoming 27 degrees Celsius.
At 600m: Plus 18 Celsius.
Freezing level: Well above the peaks.

Check our weather forecast every day to get the most accurate and up to date information
https://www.metoffice.gov.uk/weather/specialist-forecasts/mountain
© Crown Copyright 2023. All Rights Reserved.